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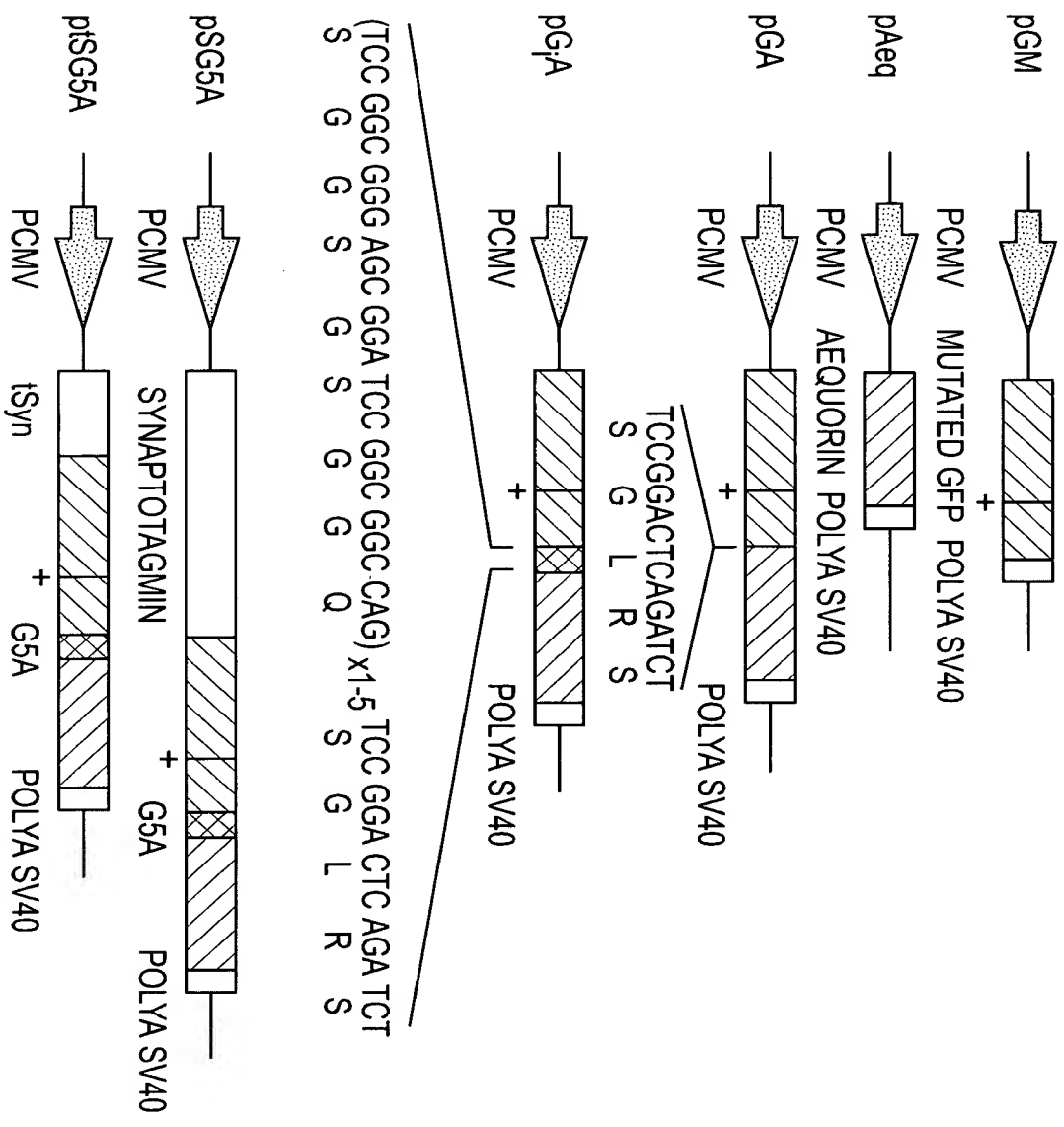


FIG. 1

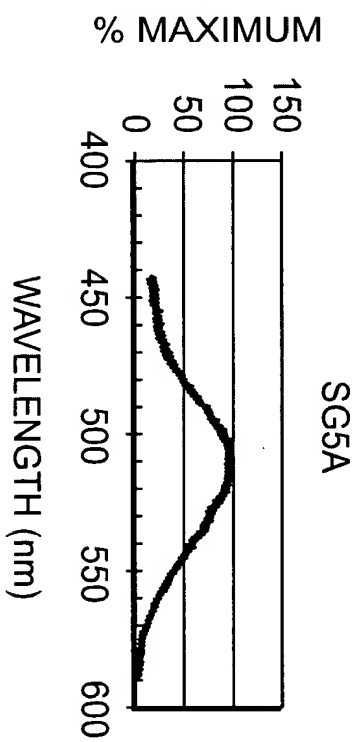
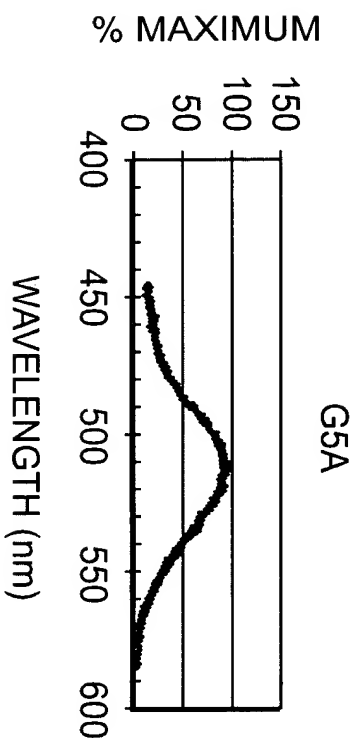
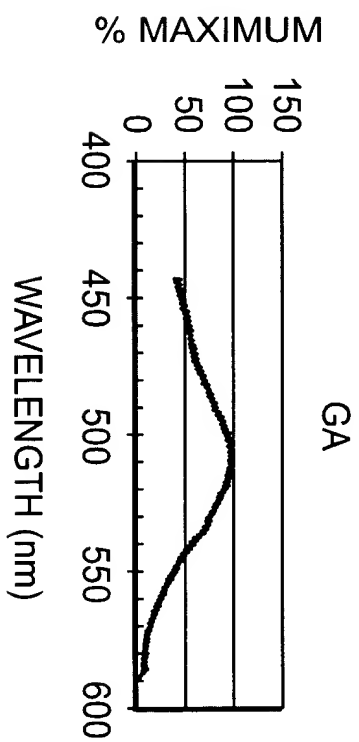
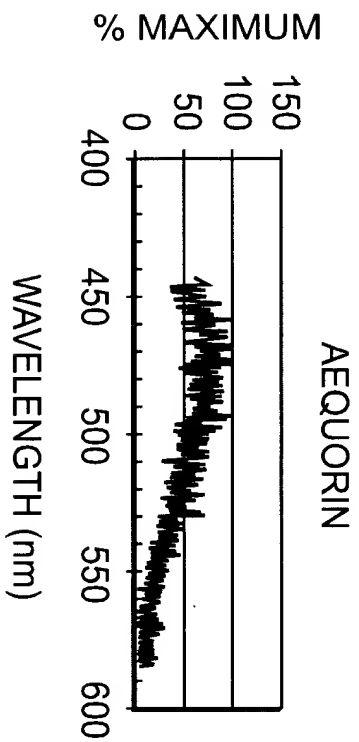


FIG. 2A

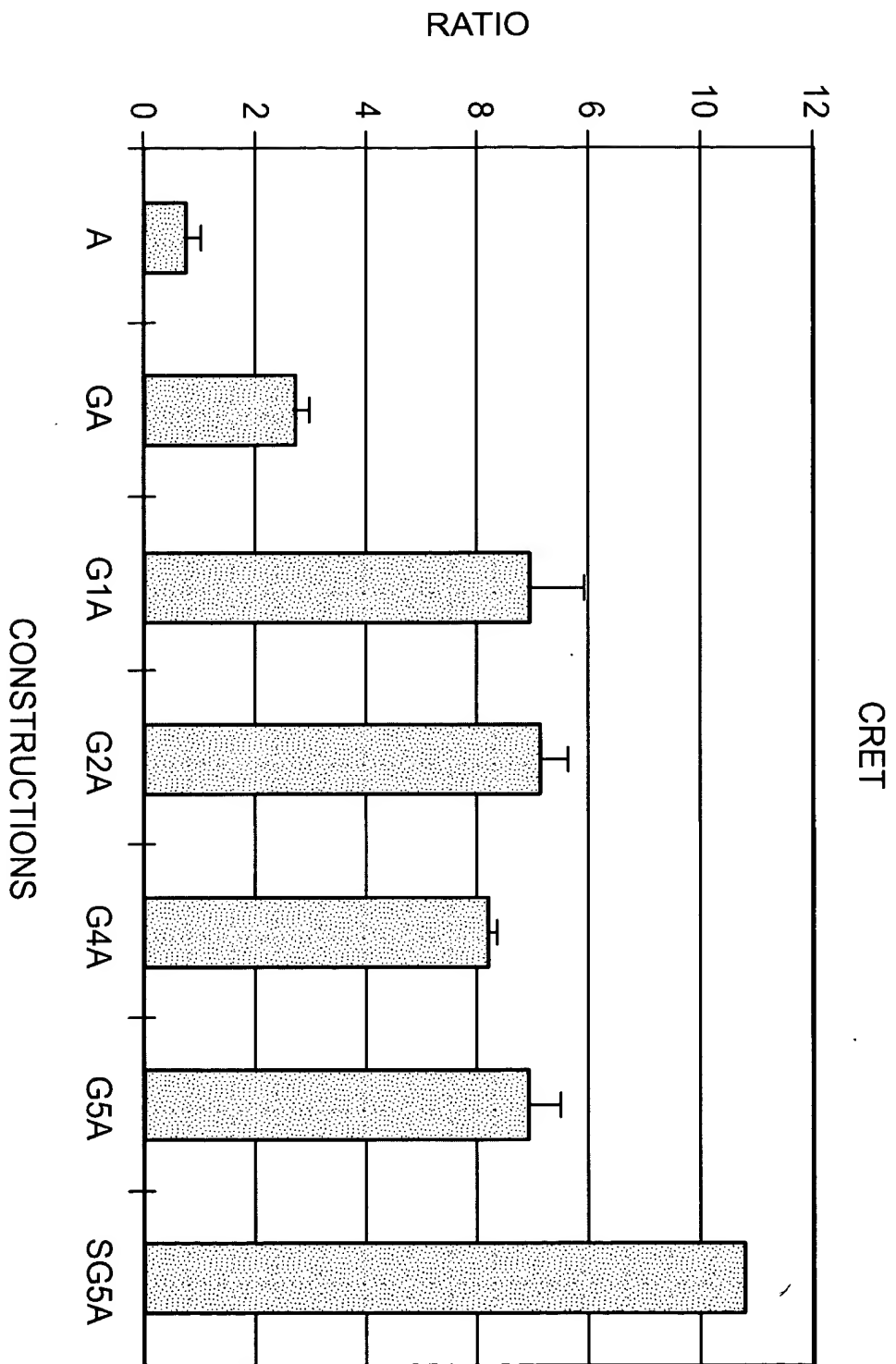


FIG. 2B

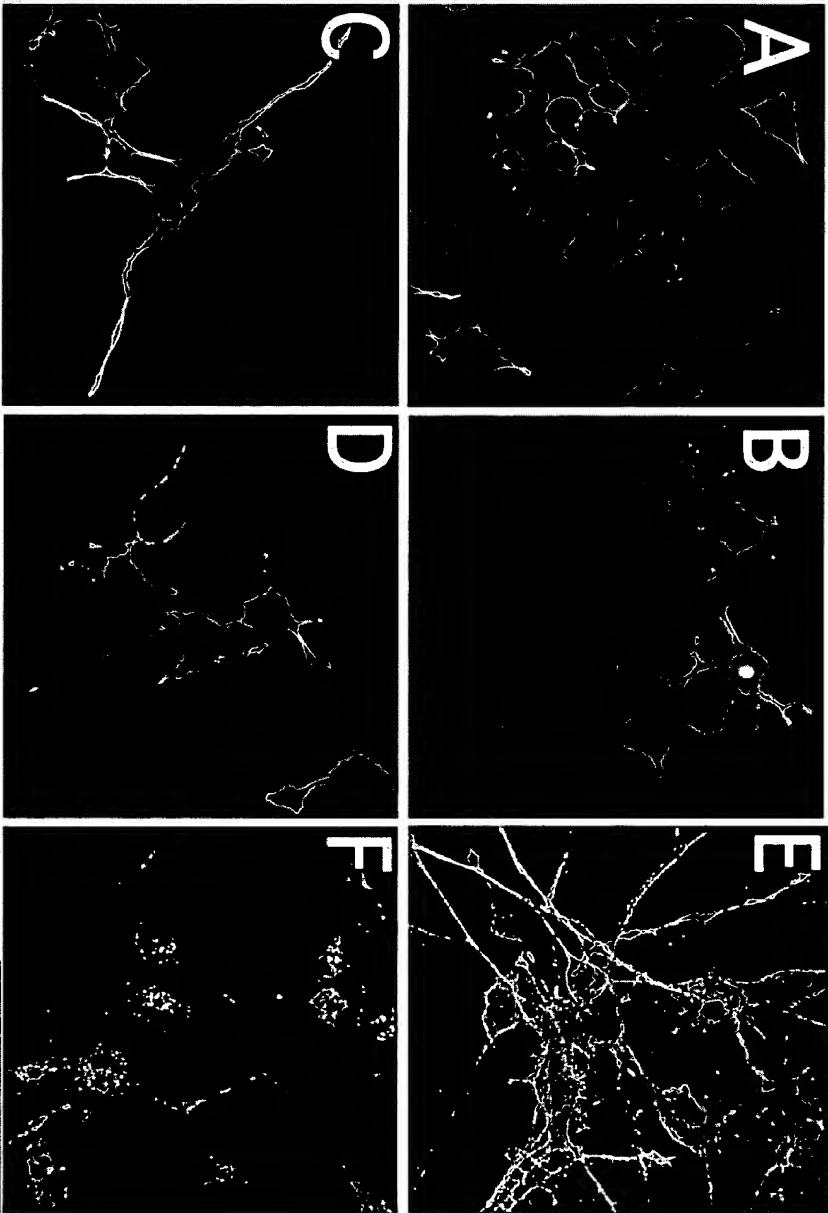


FIG. 3

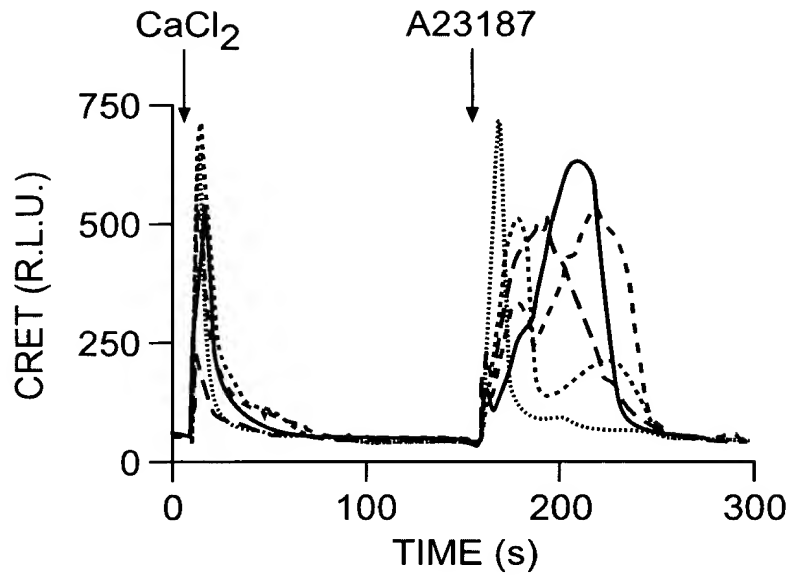


FIG. 4A

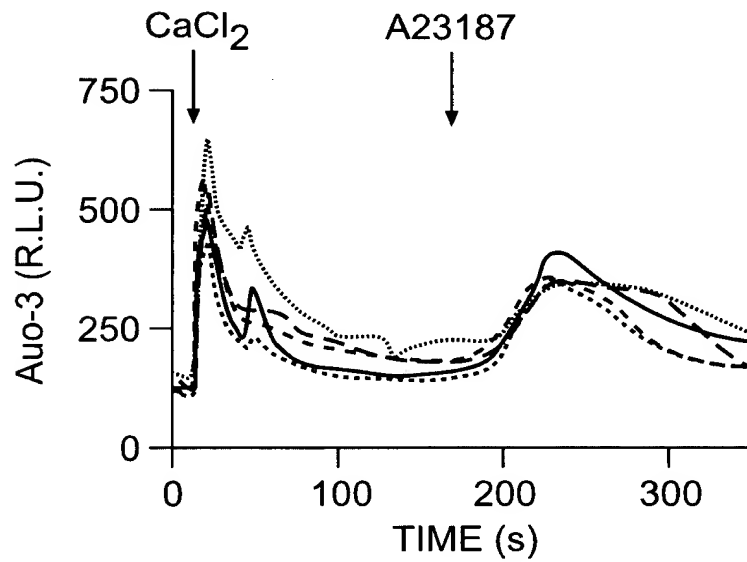


FIG. 4B

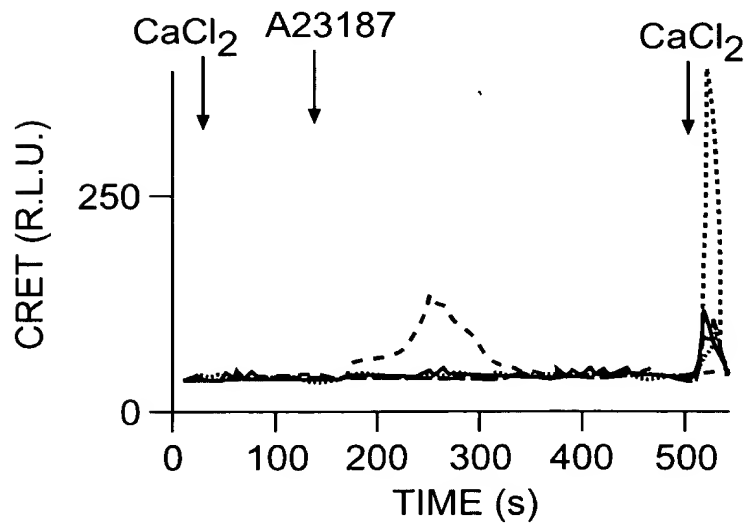


FIG. 4C

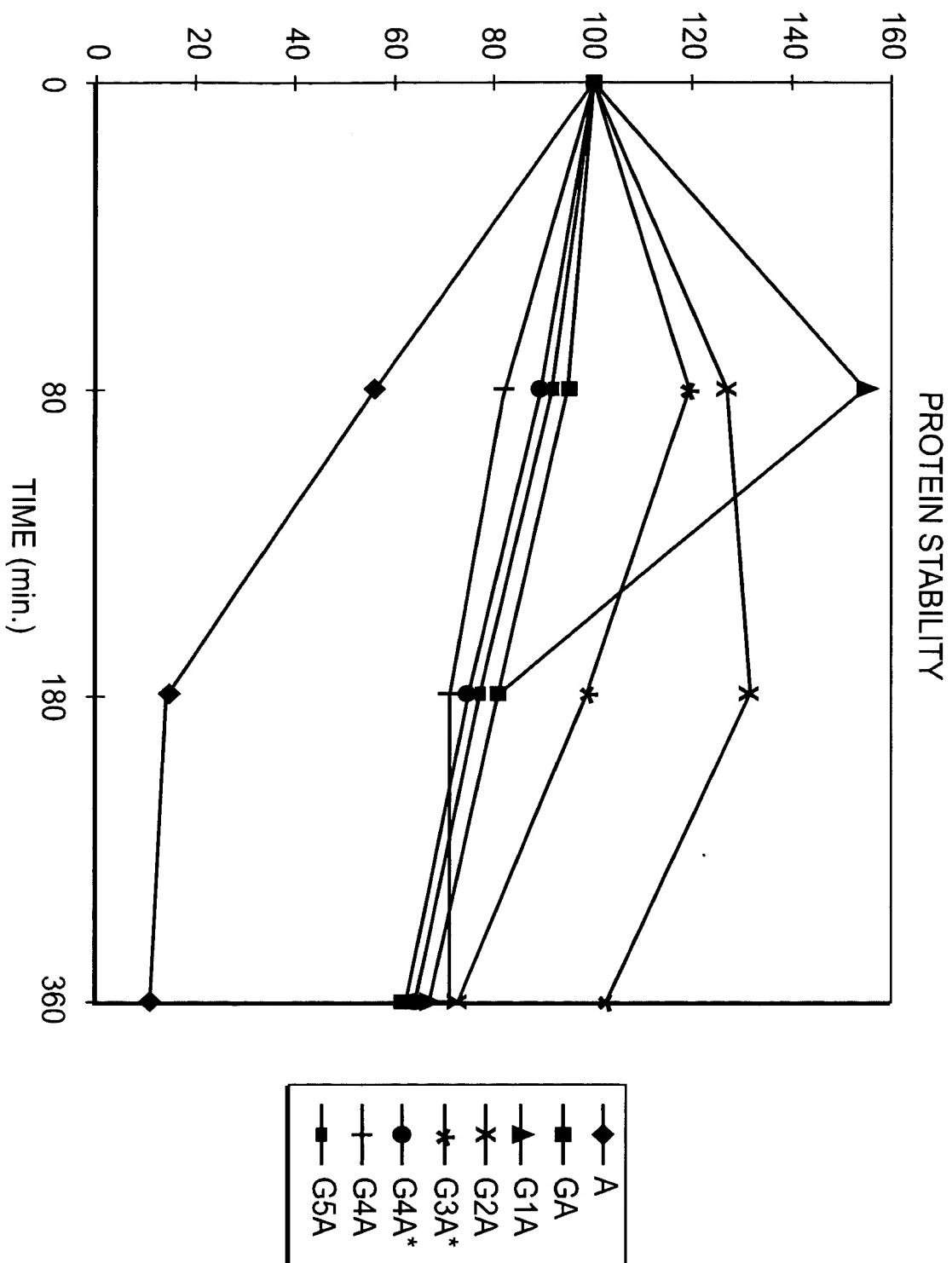
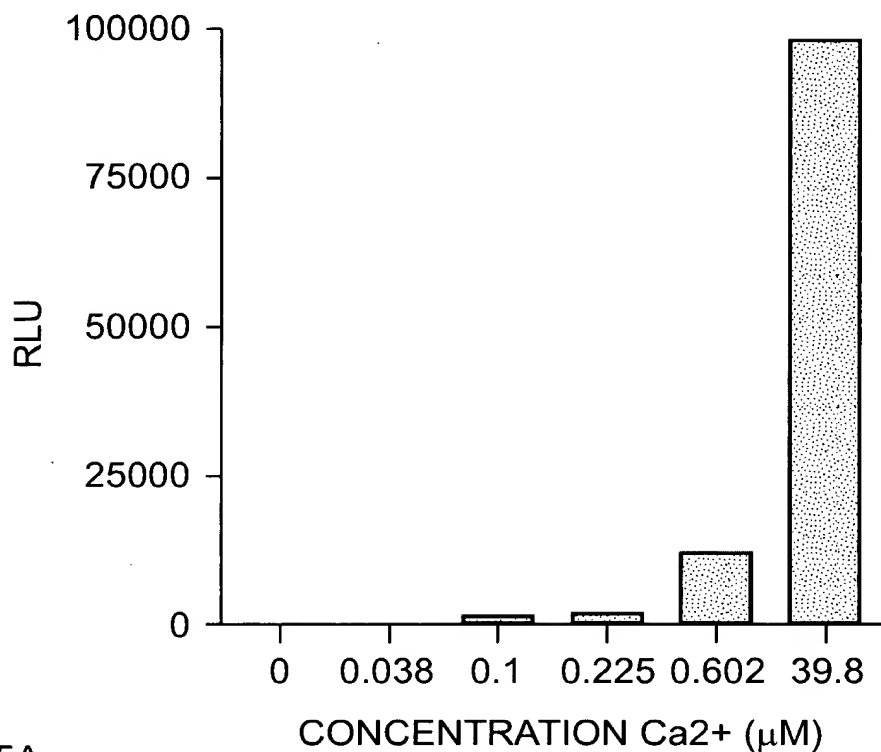


FIG. 5



AEQUORINE



G5A

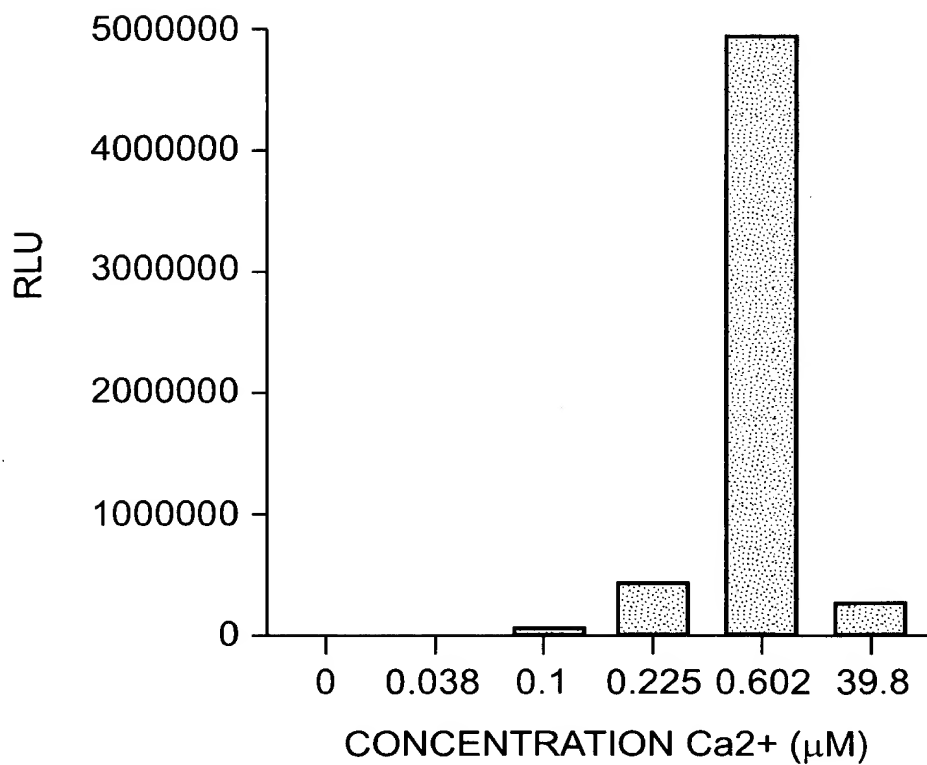


FIG. 6

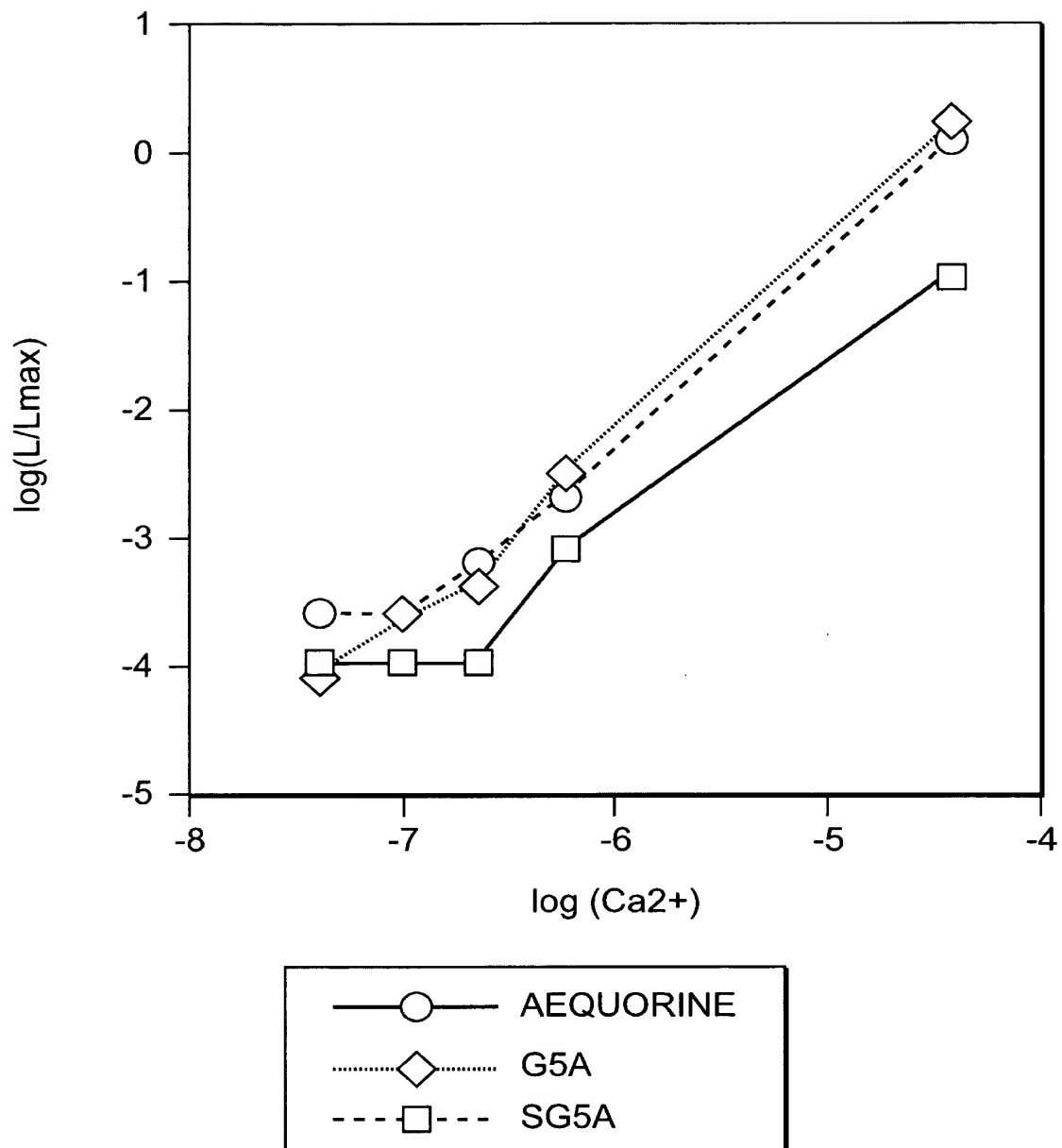


FIG. 7

A.1
CaCl₂

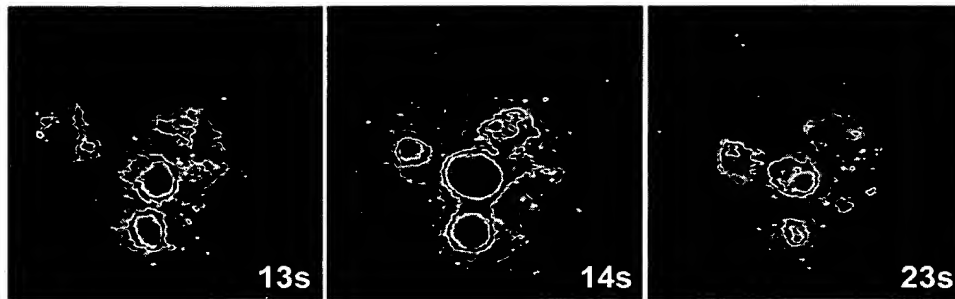


FIG. 4A.1

A23187

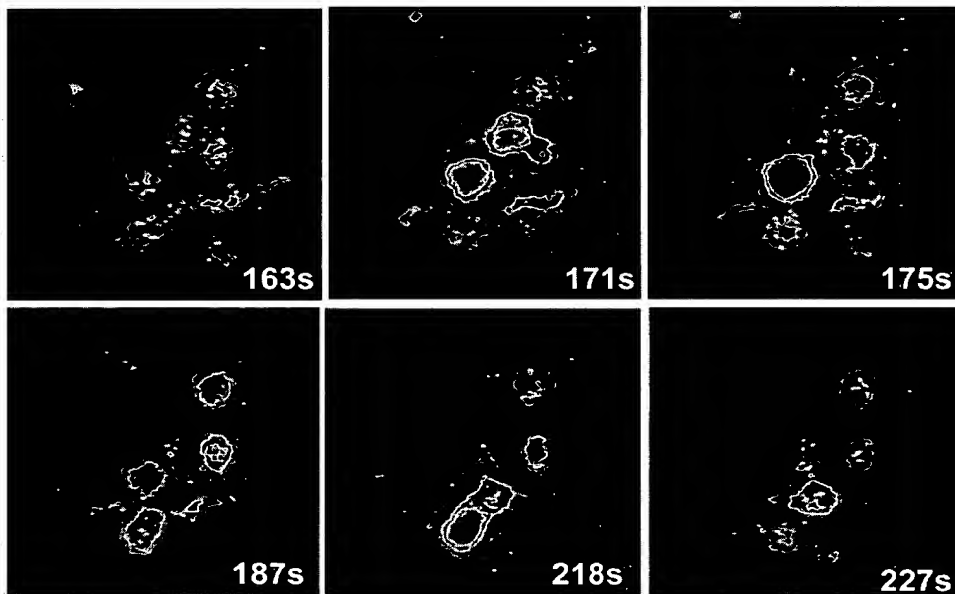


FIG. 4A.2

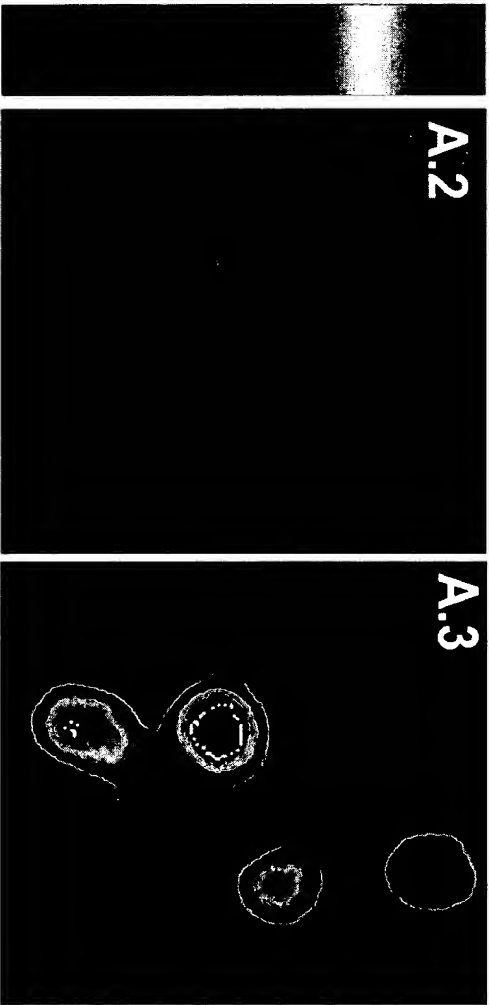


FIG. 4A.3



FLUORESCENCE AND Ca^{2+} -INDUCED BIOLUMINESCENT ACTIVITY
IN DISSOCIATED NEURONS IN CULTURE INFECTED WITH
ADENOVIRAL-G5A VECTORS.

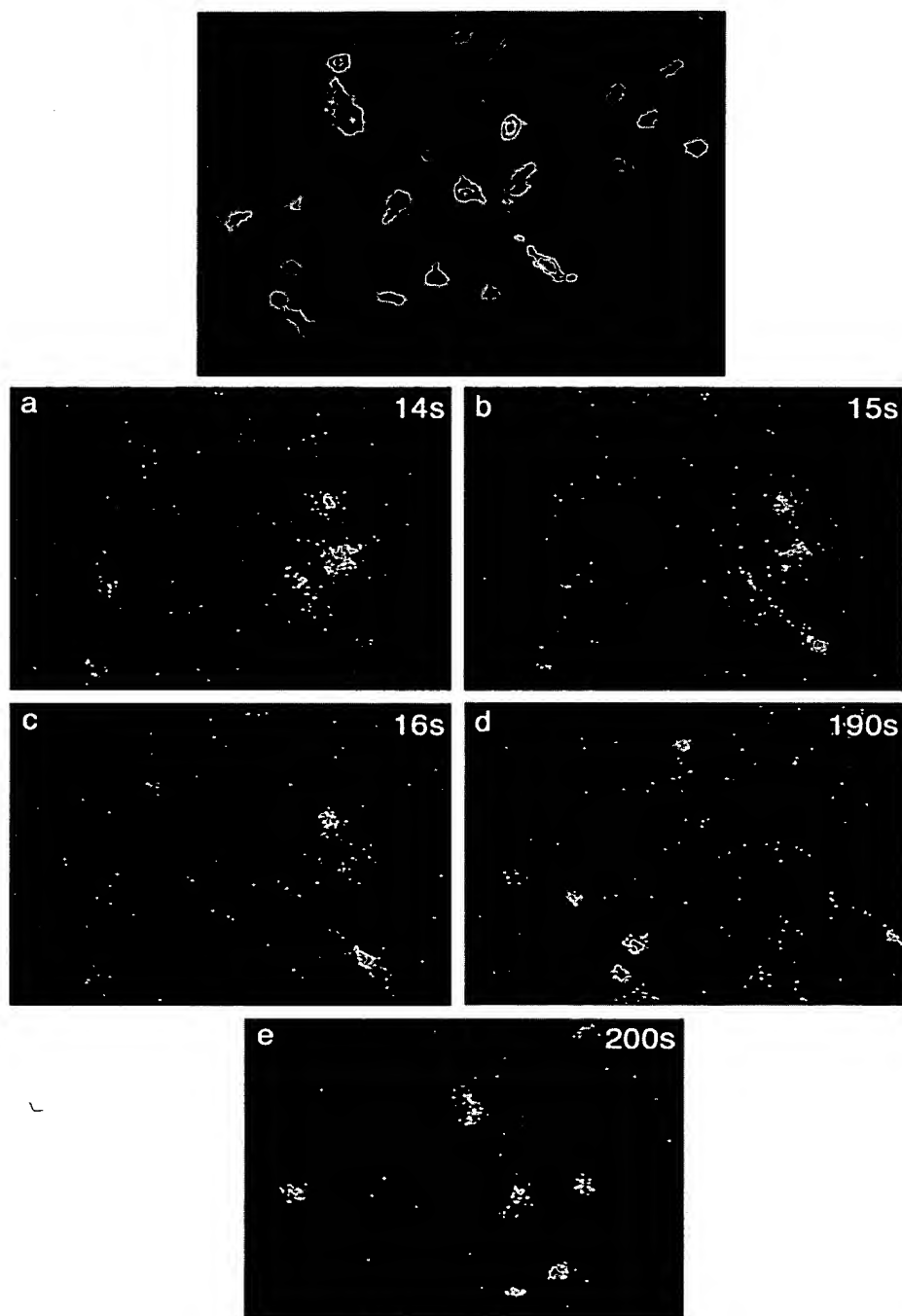


FIG. 8



FLUORESCENCE AND Ca^{2+} -INDUCED BIOLUMINESCENT ACTIVITIES
IN DISSOCIATED NEURONS IN CULTURE INFECTED WITH
ADENOVIRAL-SG5A VECTORS.

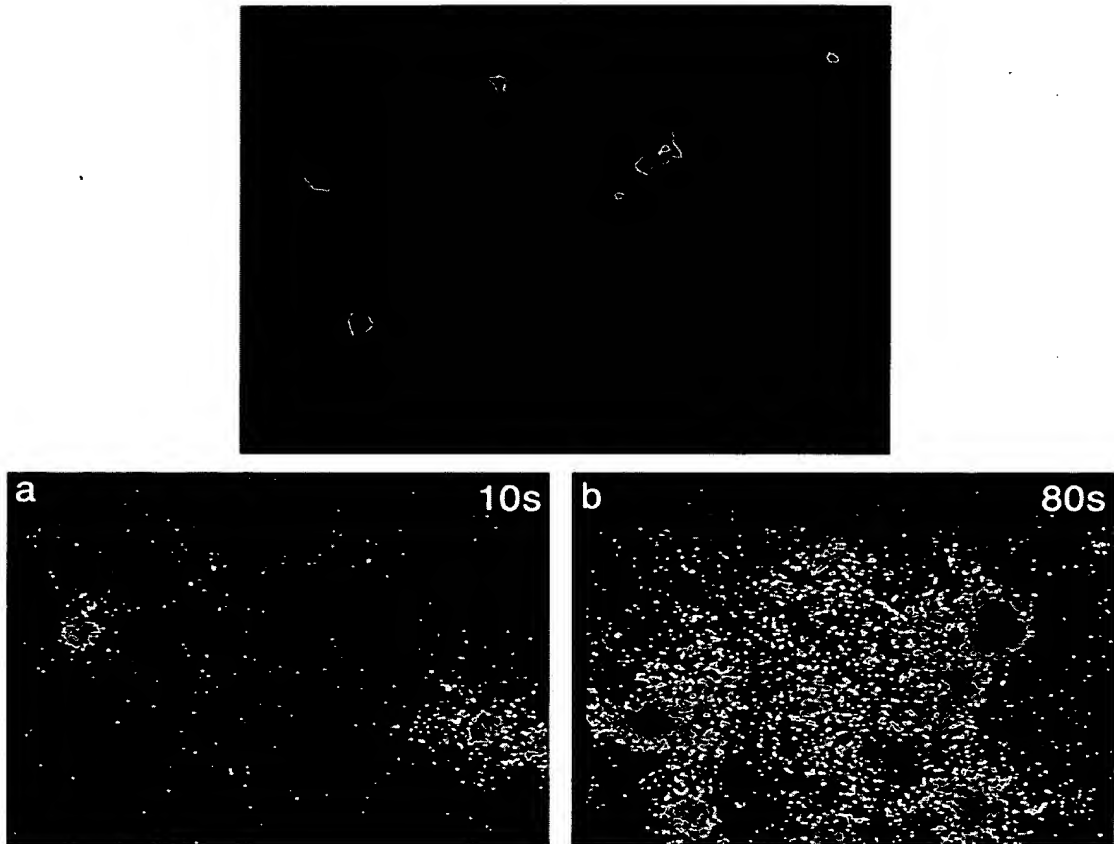


FIG. 9

map1935a1

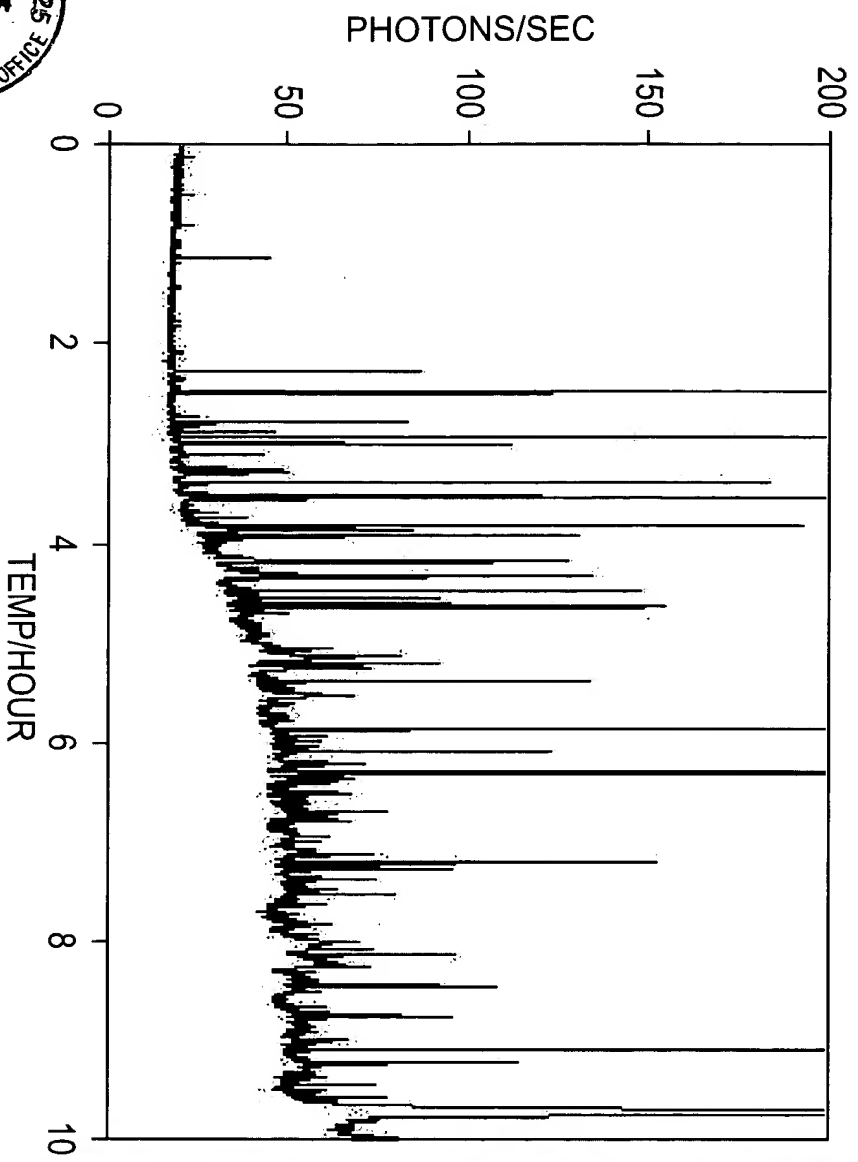


FIG. 10A

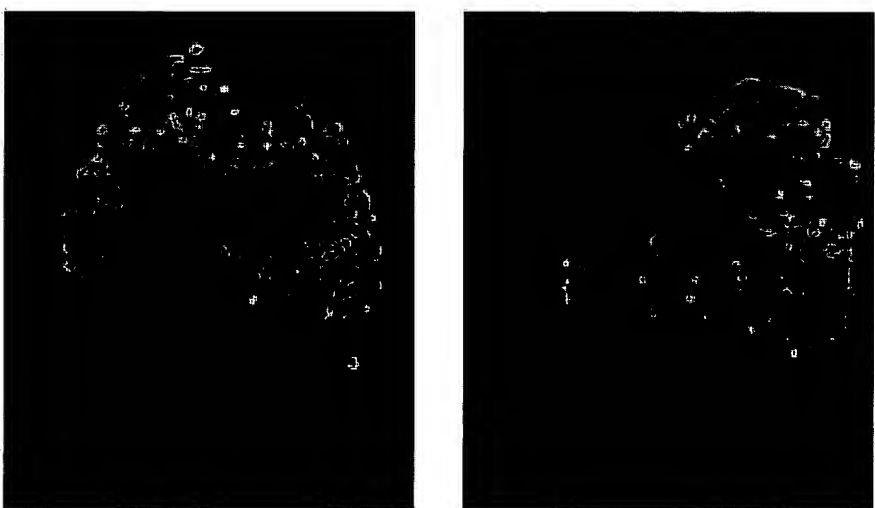


FIG. 10B





TRANSGENIC GFP-AEQUORIN XENOPUS LARVA



FIG. 11